



**NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES**  
Dexter R. Matthews, Director                      Division of Waste Management                      Michael F. Easley, Governor  
William G. Ross Jr., Secretary

August 1, 2008

Charles Brushwood, Director  
Davidson County Integrated Solid Waste  
220 Landfill Road  
Lexington, North Carolina 27292

Re: Permit to Operate C&D Landfill Phase 2, Area 1  
Permit No. 29-06  
Davidson County Landfill Facility  
Davidson County, North Carolina  
Document ID No. 5419

Dear Mr. Brushwood:

The application for a MSW Landfill Permit to Construct has been submitted to the Division of Waste Management, Solid Waste Section on your behalf by your consultant Richardson Smith Gardner & Associates. It was received on June 18, 2008. It was marked "Draft" due to the remaining documentation regarding the leachate storage tank which Pieter Scheer informed me should be finished in the near future.

In accordance with GS 130A-295.8(e), the Section has reviewed your application and found it to be complete. A determination of completion means that the application includes all required components but does not mean that the required components provide all the information that is required for the Section to make a decision on the application.

The application has received its technical review and the comments are listed below. Further comments may be issued in the future.

1. Page 1, Sect. 2.1. The GCL component of the liner system was omitted.
2. As mentioned above addition information is needed for the leachate tank.
3. Was the No. 78 stone in the leachate collection tested for calcium carbonate or has the stone been previously tested?
4. Please provide a copy of the construction plans (1/2 size would be fine).

5. The Well Abandonment and Well Installation Information needs to be submitted to the Section's Hydrogeologist, Brian Wooten, in the Raleigh central office (919) 508-8524.
6. On the first page of the Structural Fill Control Test Summary, Appendix F, the third table Moisture-Density Relation Test Results; it appeared that several numbers seem to be transposed in the wrong column.
7. In Appendix G Soil Liner CQA Data, how was the location of the hydraulic conductivity tests selected? Several areas, sump and northeast sections of the cell, did not have any tests.

After you have reviewed this letter, please call me at (704) 235-2163 should you have any questions regarding the Completeness Review or the comments.

I sincerely appreciate having had the opportunity to work with you and your staff now and in the future, and hope to visit with you in the future.

Sincerely,



John E. Murray, P.E.  
Regional Engineer  
Solid Waste Section

cc:

Ed Mussler, DWM  
Jason Watkins, DWM  
Hugh Jernigan, DWM  
Jeff Skabo, DWM  
Brian Wooten, DSW  
Pieter K. Scheer, P.E.  
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